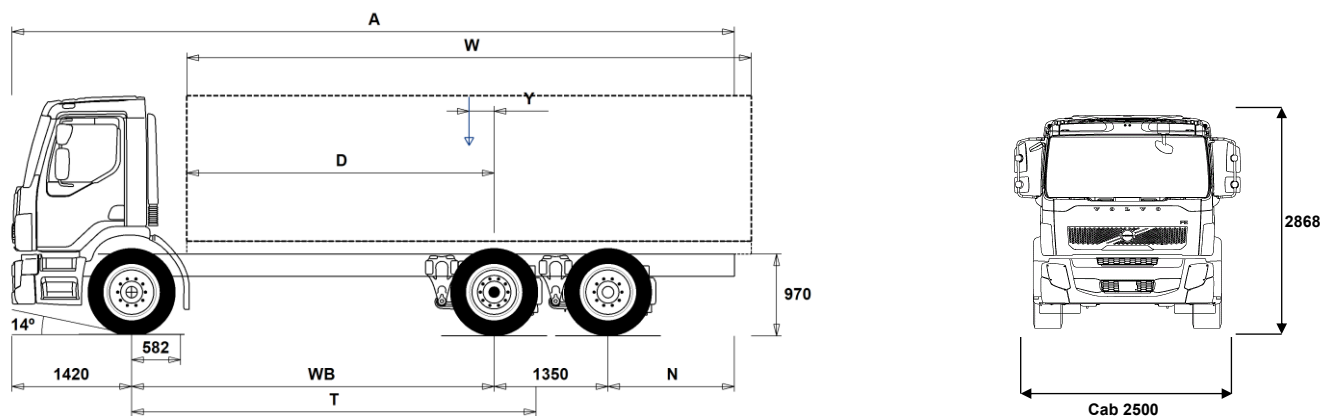


MODEL RANGE

FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TRA



Chassis Dimensions [mm]

WB Wheelbase	3500	3700	3900	4100	4300	4500	4750	5000	5250	5500	5800	6100	6450
A Overall Chassis Length	7960	8260	8610	8910	9260	9560	9960	10410	10760	11160	11560	11560	11560
D Center of rear axle to front of body	2844	3044	3244	3444	3644	3844	4094	4344	4594	4844	5144	5444	5794
N Rear Overhang (Min.)	640	640	640	640	640	640	2440	2640	2740	2890	2990	2690	2340
N Rear Overhang (Max.)	1690	1790	1940	2040	2190	2290	2440	2640	2740	2890	2990	2690	2340
T Theoretical Wheelbase	3997	4197	4397	4597	4797	4997	5247	5497	5747	5997	6297	6597	6947
Y Center of Gravity for Payload (Min.)	120	150	180	208	238	267	305	341	378	413	455	493	537
Y Center of Gravity for Payload (Max.)	120	150	180	208	238	267	305	341	378	413	455	493	537
W Body Length (Min.)	5448	5788	6127	6472	6812	7153	7578	8005	8432	8863	9379	9903	9924
W Body Length (Max.)	5448	5788	6127	6472	6812	7153	7578	8005	8432	8863	9379	9903	9924

Chassis Weights [kg]

Front Axle	4145	4150	4155	4175	4185	4190	4195	4210	4215	4235	4250	4270	4295
Rear Bogie	2810	2815	2825	2865	2875	2885	2900	2930	2940	2970	2990	2975	2955
Kerb Weight	6955	6965	6980	7040	7060	7075	7095	7140	7155	7205	7240	7245	7250
Payload (including body, driver, fuel, etc.)	19145	19135	19120	19060	19040	19025	19005	18960	18945	18895	18860	18855	18850

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14100	14700	15300	15900	16500	17100	17800	18600	19300	20100	21000	21900	22900
Turning Circle Diameter Wall to Wall	15500	16100	16700	17300	17900	18500	19300	20000	20800	21500	22400	23300	24400

Plated Weights [kg]

Gross Vehicle Weight	26100
Gross Combination Weight	32000
Front Axle	7100
Rear Bogie	19000

Design

26100
32000
7100
19000

Important Notes

Chassis Dimensions

Front Axle to Back of Cab: +358 mm for CAB-SLP, +196 mm for CAB-SSLP.

D-measure includes a front clearance of 74 mm and for rigid trucks also a subframe of 120 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-MED.

Height change when chassis height CHH-HIGH,FRAME300: +17 mm.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres:	295/80R22.5
Drive Axle Tyres:	295/80R22.5
Trailing/Pusher Axle Tyres:	295/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

Turning diameters are theoretically calculated. Tag axle used: TA-FIXED.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FE62TRA.

MODEL RANGE

FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TR A

Transport operation

- **TGW-4G**
- **FELECD** Low-entry cab diesel
- **FELECFDD** Low-entry cab, flat floor, diesel
- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **RC-SMOOTH** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.
- **GARB-PRE** Refuse vehicle preparation
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-LOW** Chassis height low - approx. 850 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **TA-HYSBS** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **TAG-FIXD** Fixed twin-wheel tag axle
- **TAG-FIXS** Fixed single-wheel tag axle
- **RADT-KR** Rear air suspension - two axles, one driving
- **FE-DAY2** FE Day cab new
- **FE-SLP2** FE Sleeper cab
- **FE-SSLP2** FE Comfort cab
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D8K250** Diesel engine, Euro 6, 7.7 litres, 250 hp/184 kW, 950 Nm
- **D8K280** Diesel engine, Euro 6, 7.7 litres, 280 hp/206 kW, 1050 Nm
- **D8K320** Diesel engine, Euro 6, 7.7 litres, 320 hp/235 kW, 1200 Nm
- **D8K350** Diesel engine, Euro 6, 7.7 litres, 350 hp/258 kW, 1400 Nm
- **EBR-CEB** Engine compression and exhaust brake
- **EBR-EPG** Engine brake with exhaust pressure governor
- **AL306** Automatic 6-speed gearbox, 1695 Nm
- **AT2412F** I-Shift automated 12-speed gearbox, 2400 Nm
- **LIFT-BAS** Bogie lift for non-driven rear axle
- **ULIFT** Without bogie lift
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- **RSS1344E** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version E

Packages

- **AUDIODAB** Audio system with DAB radio and DAB amplifier
- **AUDIOPD** Preparation kit for DAB radio, including DAB amplifier

Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **RAL19** Rear axles load 19 tonnes
- **RAL21** Rear axles load 21 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RALIM105** Rear driving axle load limiter, 10.5 tonnes
- **RALIM115** Rear driving axle load limiter, 11.5 tonnes
- **RALIM13** Rear drive axle load limiter, 13 tonnes
- **RALIM95** Rear driving axle load limiter, 9.5 tonnes
- **EBS-MED** EBS (Electronic Braking System), Medium package

- **RST-AIR** Rear air springs
- **RST-AIR5** Rear air suspension, short
- **ABS**
- **SUSPL-E2** Remote control with wander lead for air suspension levelling, 2 sensors on rear axle
- **FRAME266** Frame rail section external height 266 mm
- **FRAME300** Frame rail section external height 300 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **R255A56** Right 255-litre, D-shaped aluminium fuel tank, 560 mm high
Min volume 215l
Max volume 630l
- **UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 315l
- **ADTP-L** AdBlue tank on left hand side
- **ADTP-R** AdBlue tank on right hand side
- **WHC-FIX1** One non-collapsible wheel chock
- **WHC-FIX2** Two non-collapsible wheel chocks
- **TB-L33** Tool box on left-hand side, 58-litre - width 330 mm, height 310 mm, depth 660 mm
- **TB-L75** Tool box on left-hand side, 106-litre - width 755 mm, height 430 mm, depth 550 mm
- **TOWMBRH** Towing member, high-mounted in centre of frame
- **RFEC-S** Straight-cut rear frame end
- **C-RI4040** Coupling Ringfeder 4040A G-150
- **C-RI5055** Coupling Ringfeder 5055A G-150
- **C-RO400G** Coupling Rockinger 400 G-150
- **C-RO430G** Towing coupling Rockinger 430 G-150
- **C-RO50** Coupling Rockinger 50 mm
- **TOWR-ONE** Rear towing device in frame-end cross member
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-STA** Stationary trailer brake check
- **RUP-FIX2**
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFEND-T** Transport mudguard
- **RFH-BAS** Basic mudguard installation height
- **RFH-HIG** High mudguard installation height
- **RFH-LOW** Low mudguard installation height
- **ATANK-AL** Aluminium air tanks
- **ATANK-ST** Steel air tanks
- **FRACLOS** Frame end closing

Rims and tyres

- **RT-AL** Brushed aluminium rims with standard holes (long stud fixing) on all axles
- **RT-ALDP** Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles
- **RT-STEEL** Steel rims on all axles
- **SPWT-F** Spare front wheel
- **SWCP-R** Spare wheel carrier mounted behind rear axle
- **SWCP-TP** Spare wheel and carrier transport-mounted on top of frame

Powertrain equipment

- **TP-BAS**
- **TP-DICON**
- **TP-FUEC** Gear-changing software for regional haul

■ Standard Equipment □ Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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☐ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	☒ ETC	PTO speed control 900-1500 rpm with dash-mounted switch
☐ APF-ENH2	I-Shift with enhanced PTO functions (Auto neutral for service brake/Split box connection)	Cab interior	
☒ CS39A-O	Single-plate clutch, plate diameter 395 mm	☒ STWPOS-R	Right-hand drive
☒ CS43B-O	Single-plate clutch, plate diameter 430 mm	☐ TAS-DIG	One-day digital tachograph, EC approved (annex 1B regulation)
☐ RET-TPT	Gearbox-mounted Powertronic primary retarder	☒ TAS-DIG4	Gen 4 one-day digital tachograph, EC approved (GNSS & DSRC, EU 2020/1054)
☐ TC-HWO	Oil cooler for hydraulic transmissions – water/oil	☐ IMMOBIL	Immobiliser
☐ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	☐ WARNLAMP	Portable amber and white warning lamp with batteries
☒ AIRIN-HI	High air inlet	☐ TSRS2	Road sign recognition (not ISA compliant)
☐ AIRIN-RL	Low air inlet, chassis mounted behind cab on left-hand side	☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
☐ ACL1ST-S	Air cleaner with extra filter element	☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
☐ CCV-C	Closed crankcase ventilation	☐ AIDKIT1B	First aid kit fulfilling German requirements containing instruction, scissors, triangular cotton bandages, gauze bandages, bandaging cloths, gauze dressings, adhesive bandage, protective gloves, adhesive tape, first aid packets, rescue sheet.
☒ CCV-OX	Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge	☐ SPDU-R	Dual speed limiter for refuse truck, rear loader
☐ AF-E	Electrically heated fuel filter	☐ SPDU-S	Dual speed limiter for refuse truck, side loader
☐ EST-AID	Engine intake air heater	☐ SPDU-SR	Dual speed limiter for refuse truck, side and rear loader
☐ 220EBH08	Engine block heater, 220 V, 0.8 kW	☐ CRUIS-E2	Cruise control with I-Roll
☐ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646	☐ CRUISEC	
☐ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653	Cab exterior	
☐ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647	☐ RCABS-A	Air rear cab suspension
☐ PR-HP4T	Rear gearbox (top of converter) PTO with connection DIN 5462/ISO 7653 for pump, 400 Nm	☒ RCABS-M	Mechanical rear cab suspension
☐ PR-HP4TL	Rear gearbox (top of converter) low-speed PTO with connection DIN 5462/ISO 7653 for pump, 400 Nm	☐ AD-ROOFA	Adjustable roof air deflector
☐ PR-HP6TH	Rear gearbox (top of converter) high-speed PTO with connection DIN 5462/ISO 7653 for pump, 600 Nm	☐ AD-SIDES	Cab side air deflectors, short
☐ PR-HP6TL	Rear gearbox (top of converter) low-speed PTO, connection DIN 5462/ISO 7653 for pump, 600 Nm	☐ HL-CLEAN	High-pressure headlamp cleaner
☐ PTR-FH1	Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft 800 Nm	☐ HL-ADJ	Manually adjustable headlamp beam
☐ PTR-FH2	Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft, 430 Nm	☐ DRL-LED	Daytime running lamps (LED)
☐ PTR-FH5	Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft, 450 Nm	☐ BEACON-P	Preparation kit for roof beacons
☐ PTR-PH1	Rear gearbox PTO Hydrocar S81, connection DIN 5462/ISO 7653 for pump, 800 Nm	☐ BEACONA2	Two amber LED beacons on cab front roof
☐ PTR-PH2	Rear gearbox PTO Hydrocar S84, connection DIN 5462/ISO 765 for pump, 430 Nm	☒ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
☐ PTR-PH4	Rear gearbox PTO Hydrocar S88, connection DIN 5462/ISO 7653 for pump, 450 Nm	☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☐ PTR-PK	Preparation kit for rear gearbox PTO	Superstructure preparations	
☐ PTR-ZF2	Rear gearbox PTO ZF, flange connection DIN 100/ISO 7646 for propshaft, 410 Nm	☐ FBA-BTF	Front body attachment brackets, lower, for flexible body
☐ PTR-ZF4	Rear gearbox PTO ZF, flange connection DIN 100/ISO 7646 for propshaft, 320 Nm	☐ FBA-BTS	Pre-punched front body attachment holes for torsionally stiff body, e.g. tanker
☐ PTR-ZF5	Rear gearbox PTO ZF, connection DIN 5462/ISO 7653 for pump, 320 Nm	☐ FBA-BTSF	Front body attachment brackets, lower, for semi-flexible body
☐ PTRD-D1D	Rear gearbox dual PTO flange/propshaft DIN120/ISO7646, 550 Nm, pump DIN5462/ISO7647, 1000 Nm	☐ RBA-T1	Rear body attachment plates
☐ PTRA-PH1	Extra rear gearbox PTO with dual S81 connections DIN 5462/ISO 7653 for pump	☐ RBA-T2	Rear body attachment brackets, lower
☐ PTRA-PH2	Extra rear gearbox PTO with dual S84 connections DIN 5462/ISO 7653 for pump	☐ HBA-FSFB	Holes for body attachments, flexible/semi-flexible body
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ HBA-SB	Holes for body attachments, stiff body
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ TAILPREP	Tail lift preparation kit
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow		
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow		
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow		

☒ Standard Equipment

☐ Optional Equipment

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MODEL RANGE

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